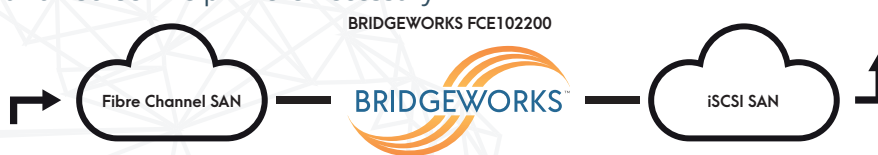# ORESUND SERIES

Datasheet: FCE102200 8Gb Fibre Channel to 10Gb iSCSI Gateway

OVERVIEW

The FCE102200 Fibre Channel to iSCSI Gateway is a high performance protocol gateway for connecting Fibre Channel based Servers to iSCSI enabled peripherals such as Disks, Tape Drives, Tape Libraries & Optical devices.

The FCE102200 is housed in an industry standard 1U 19" rack mount enclosure with integral power supplies and cooling. Connectivity to the Fibre Channel Network is via 2 auto-sensing 8Gb ports, whilst connectivity to the IP Network is via 2 auto-sensing 10Gb Ethernete ports that can detect the network connection speed.

Managing and installing the FCE102200 could not be easier with its inbuilt intuitive GUI that is easy to use and provides the user with on screen help where necessary

BRIDGEWORKS FCE102200

Fibre Channel SAN — BRIDGEWORKS™ — iSCSI SAN

KEY ADVANTAGES

Total Flexibility The need to have separate peripherals for both iSCSI and Fibre Channels SANs no longer applies when deploying the FCE102200. With the FCE102200, any iSCSI device can be accessed from the Fibre Channel SAN appearing as though it was part of the Fibre Channel SAN.

Performance The FCE102200 has many unique features to maximise performance and ensure your data is transferred to the peripheral devices in the shortest possible time. With its load balancing MPIO* enabled Ethernet ports and two 8Gb Fibre Channel ports in combination with its unique non-blocking data cache module the FCE102200 provides industry leading performance.

Recoverability Ensuring that your data reaches its final destination is important these days with tight backup windows. With Error Recovery Level 2 support, the FCE102200 can continue to receive data even if one of the Fibre Channel connections is disconnected.

Return on Investment Maximising the return on any investment has always been critical. By using the FCE102200 to connect new iSCSI devices to the existing Fibre Channel Network not only maximises your investment but also adds a new level of functionality and flexibility

PRODUCT FEATURES

- 2 × 10Gb Ethernet Ports
- 2 × 8Gb Fibre Channel Ports
- Up to 16,000 Initiators
- Non-Blocking Cache
- Error Recovery Level 2
- iSNS
- Jumbo Packet Support
- Multipath I/O
- GUI Interface

ORESUND SERIES

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KEY SPECIFICATIONS*	
Fibre Channel Ports	
Connectivity	2 × 8Gb SFP NL_port, FL_port, N-port
Speed	Auto-sensing 2/4/8Gb/s
Maximum Block Size	1Mbyte
Maximum Initiators	16,000
Standards	FC-PI-4, FC-FS-2, FC-FS-2/AM1, FC-LS, FC-AL-2, FC-GS-6, FC-FLA, FC-PLDA, FC-TAPE, FC-DA, FCP through FCP-4, SBC-3, FC-SP
Ethernet Ports	
Connection	2 × 10Gbe RJ45 or Multimode Optical (lc)
Speed	Auto-sensing 1000/10000Mb/s
Error Recovery	ERL0, ERL1, ERL2
Maximum Packet Size	16Kb
Maximum Initiators	16,000
Standards	IPv4, IPv6, iSCSI, iSNS, CHAP, DHCP
Visual Indicators	
LED indicators for	Power Network Activity and Speed Link Present SCSI Activity Fibre Channel Link and Activity
Physical	
Enclosure Form Factor	19" 1U Rack Mount
Dimensions	L 730 mm, W 434.1mm, H 42.9 mm
Operational Temperature	10 to 35°C
Non-Operational Temperature	−20° to 60°
Humidity	10–18% Non-condensing
Voltage Range	90-264VAC 47-63Hz
Power Consumption	350-Watts approx

*Bridgeworks reserves the right to change these specification without notification